

What is claimed is:

1. An electric motor comprising:

at least two separated windings for each phase of stator-winding, each of said separated windings having opposite ends serving as terminals to be selectively connected with one another and selectively connected with at least one power supply so that different output characteristics are obtained.

2. An electric motor comprising:

at least two separated windings for each phase of stator-winding, each of said separated windings having opposite ends; and

a terminal block having terminals connected with the opposite ends of said separated windings, said terminals being selectively connected with one another and selectively connected with at least one power supply so that different output characteristics are obtained.

3. An electric motor comprising:

at least two separated windings for each phase of stator-winding;
connector units for selectively connecting said separated windings to form a star connection or a delta connection; and

power-supply connection terminals for supplying electric power from at least one power supply to said separated windings.

4. An electric motor according to claim 3, wherein said connector units include a connector unit for connecting said separated windings for each phase to form a series connection, a parallel connection or a combination thereof, and a connector unit for connecting said separated windings to form a star connection or a delta connection.

5. An electric motor according to claim 3, wherein said power-supply connection terminals are provided to be connected to power supplies of the number same as the number of separated windings in each phase.

6. An electric motor according to any of claims 3, wherein said connecting units have selector switches for selectively connecting said separated windings.

7. An electric motor according to claim 6, wherein said selector switches comprise automatically operating selector switches.